



# SOUND IN SPIRIT BROADCASTING, INC.

August 20, 1996

The Secretary  
Federal Communications Commission  
1919 M Street, N.W.  
Washington, D.C. 20554

Re: Petition for Rule Making to Assign  
FM Channel 247A to New London, Iowa

Dear Secretary:

Sound In Spirit Broadcasting, Inc. hereby petitions the Commission to initiate a rule making to amend Section 73.202(b) of the FCC Rules, to assign FM Channel 247A to New London, Iowa, as that city's first local FM broadcast service. Transmitted herewith are an original and four (4) copies of our petition.

It is our intention to apply for an FCC construction permit to build a station to operate on Channel 247A in New London, Iowa, when it is assigned.

I hereby declare under penalty of perjury that the statements contained herein are true and accurate to the best of my knowledge and belief.

Bob Palmeter  
President

Subscribed and sworn to before me this 20<sup>th</sup> day of August, 1996.

[NAME]  
Notary Public

[NOTARY PUBLIC SEAL]

My Commission expires



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**ENGINEERING REPORT**

**A PETITION FOR RULE MAKING  
TO AMEND THE FM TABLE OF ALLOTMENTS**

**TO ASSIGN FM CHANNEL 247A  
TO NEW LONDON, IOWA**

**AUGUST 1996**

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## ENGINEERING STATEMENT

This Engineering Statement and the attached Figure 1 have been prepared by B. Benjamin Evans of Evans Associates, Consulting Communications Engineers in Thiensville, Wisconsin. This exhibit supports a petition by Sound In Spirit Broadcasting, Inc., requesting modification of the Table of FM Allotments to specify FM Channel 247A at New London, Iowa.

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Evans Associates has been retained by Sound In Spirit, Inc. ("petitioner") to prepare the engineering portion of a petition for rule making to assign FM Channel 247A to New London, Iowa.

The city of New London is located in Henry County in southeastern Iowa. The population of New London in 1990 was 1,917 persons. The instant FM channel, if assigned, would provide the city of New London with its first local broadcast service.

As a result of a frequency search conducted by the petitioner, it has been determined that Channel 247A may be assigned to New London, Iowa as a "drop-in" without affecting any existing FM assignments. Therefore, it is proposed that Section 73.202(b) of the FCC Rules and Regulations be amended in the following manner:

<u>Community</u>	<u>Proposed</u>
New London, Iowa	247A

It is the petitioner's intention to apply for a construction permit to operate on the FM channel proposed herein, if it is assigned.

The reference point coordinates of New London are:

N. 40°-55'-30"; W. 91°-24'-06"

The assignment of Channel 247A to New London will meet all minimum distance separation requirements under the FCC Rules if the transmitter site is located at least 2.2 kilometers west of the center of New London (see attached Figure 1).



Petition for Rule Making for New FM Assignment in New London, IA

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The transmitter site coordinates assumed for the purposes of this petition for rule making are:

N. 40°-55'-30"; W. 91°-25'-40"

Since the city of New London is only 1.1 square miles in area, compliance with the community of license coverage requirement (3.16 mV/m contour) from this location would be assured, even at modest Class A transmitting facilities.

In view of the above, it is believed that the assignment of Channel 247A to New London, Iowa would be in the public interest.

The foregoing statement and the attached figures are true and accurate to the best of my knowledge and belief.

B. Benjamin Evans

August 2, 1996

Figure 1 - - - - - Allocation Study - Channel 247A, New London, IA



FIGURE 1

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Evans Associates  
210 S. Main Street  
Thiensville, WI 53092  
FM FREQUENCY ALLOCATION STUDY

Channel: 247A ( 97.3 MHz) 6 KW ERP  
Coordinates: 40 - 55 - 30 91 - 25 - 40 100 M HAAT  
Job Title: SOUND IN SPIRIT - NEW LONDON IA  $\Phi$  indicates 73.215 Facility  
Cl.A Spacing: 73.207

CALL	$\Phi$ CITY	CH/CL-ZN	HERP	VERP	-kw	LATITUDE	BEAR-to	DIST-km	REQ
STATUS	ST-CTRY	FCC#	(m)-HAAT	MAXHAT	HAMSL	LONGITUDE	-from- $^{\circ}$ T	CLEAR-km	-km
WFYR	Elmwood	247B1	23.5	23.5		40 46 22	96.3 $^{\circ}$	142.8	142.5
LIC	IL US	BLH930812KD	103	138	295	89 44 50	277.4 $^{\circ}$	+0.2	
▪Rainbow Broadcasting Company									
KHK1	Des Moines	247C1	115.	115.		41 39 47	293.6 $^{\circ}$	211.5	199.5
LIC	IA US	BLH7505	137	167	419	93 45 21	112.1 $^{\circ}$	+12.0	
▪American Radio Systems License Corp									

>> \*\*\* CHANNEL SUITABLE FOR ASSIGNMENT \*\*\* <<